

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
22 June 2006 (22.06.2006)

PCT

(10) International Publication Number  
**WO 2006/065533 A3**

(51) International Patent Classification:

C07K 16/00 (2006.01) A61K 39/395 (2006.01)  
C07K 16/28 (2006.01) G01N 33/53 (2006.01)

(21) International Application Number:

PCT/US2005/043257

(22) International Filing Date:

29 November 2005 (29.11.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/631,757 29 November 2004 (29.11.2004) US  
60/673,146 19 April 2005 (19.04.2005) US

(71) Applicant (for all designated States except US): **SEATTLE GENETICS, INC.** [US/US]; 21823 30th Drive, South East, Bothell, Washington 98021 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCDONAGH, Charlotte** [GB/US]; 8018 28th Avenue North West, Seattle, Washington 98117 (US). **CARTER, Paul** [US/US]; 4312 86th Avenue South East, Mercer Island, Washington 98040 (US).

(74) Agents: **MIYAMOTO, Neil, G.** et al.; **TOWNSEND AND TOWNSEND AND CREW LLP**, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:

14 June 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENGINEERED ANTIBODIES AND IMMUNOCONJUGATES

(57) Abstract: Antibody drug conjugates with predetermined sites and stoichiometries of drug attachment are provided. Also provided are methods of using antibody drug conjugates.



WO 2006/065533 A3

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/43257

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: C07K 16/00( 2006.01);16/28( 2006.01);A61K 39/395( 2006.01);G01N 33/53( 2006.01)

USPC: 530/391.3,391.7;424/178.1,179.1,181.1;435/7.1

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/391.3,391.7; 424/178.1,179.1,181.1; 435/7.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS on STN; WEST, PGPub

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SUN M.M. Reduction-Alkylation Strategies for the Modification of Specific Monoclonal Antibody Disulfies Bioconjugate Chem, Vol 16, pages 1281-1290, see entire document, especially page 1285, col. 2, Figure 4.	1-40
A	McDONAGH CF Engineered Antiobdy-drug Conjugates with Defined Sites and Stoichiometries of Drug Attachment Protein Eng Des Sel July 2006 Vol 19, No. 7, pages 299-307, see entire document, especially abstract.	1-40

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

02 January 2007 (02.01.2007)

Date of mailing of the international search report

23 MAR 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Phuong Huynh

Telephone No. (571) 272-1600